

MYSTIC



# The best combination since hydrogen and oxygen.

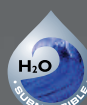


## MYSTIC - HANDHELD MARINE RADIO WITH GPS NAVIGATION



Meet the Mystic: a full-featured DSC VHF marine radio and WAAS GPS navigation system all in one neat little package. It's perfect for any size boat, even personal watercraft. And with GPS accuracy down to 3 meters, so you'll always know right where you are. Mark your favorite fishing holes or other notable locations on the map, and then use the navigation system to plot your course. Or use the Mystic's built-in VHF radio, which has nearly all the features of a full-size deck unit, to send your coordinates to someone else.

- Submersible, integrated mapping WAAS GPS and 5-watt DSC VHF all in one
- Large VGA display for all charting, mapping and radio functions
- Send, receive and mark directly on map with accurate vessel or individual position
- Optional Blue-Nav CD for detailed marine cartography
- Includes CD of all US street data, up to 32MB can be loaded at any time
- Supplied complete with a long lasting LiON battery, AC/DC chargers and charging cradle
- Meets JIS7 submersible standards



# MYSTIC

## HANDHELD VHF MARINE RADIO WITH GPS NAVIGATION

- All USA, International and Canadian marine channels
- NOAA Emergency/Weather Alert with S.A.M.E. for localized weather, not forecasts from hundreds of miles away
- Full 5 watts setting for maximum range when you need it and 1 watt lower power, maximizing battery life, when you don't
- JIS7 submersible rated and designed to get wet so you can splash it, spray it or dunk it
- Full screen GPS mapping with a built-in database and downloadable maps (CD included)
- W.A.A.S. (Wide Area Augmentation System) can pin point your location down to 3 meters
- Instant channel 16 & 9 allows you to skip directly to emergency channels
- Position location can map the location of other DSC equipped radios
- Fast recharging LiON battery
- DSC (Digital Selective Calling) for easy radio-to-radio calls and one button emergency calls for Coast Guard
- Memory channel scan stores your favorite channels for quick access
- Triple Watch/Programmable Scan means you never miss a call
- Large backlit LCD for maximum clarity and easy reading, day or night
- Includes Uniden's 3 year water protection warranty



### MYSTIC

#### CHANNELS WEATHER CHANNELS CONTROLS

All USA, International and Canadian  
10  
Volume & Power On/Off Knob, Squelch Knob, Ch Up/Down, Keypad lock, Push to talk, In, Out, Call/Light, GOTO/MARK, ESC, MENU, ENTER, WX/Alert, 1W/5W/Lock, SCAN/MEMORY, 16/9/Triple

#### ANTENNA CONNECTOR SIZE DISPLAY HOUSING CHARGE POWER SOURCE

SMA type (female)  
6.8125"H x 2.8125"W x 1.5"D  
2.2"H x 1.75"W (5.59cm x 4.4cm)  
JIS7 Submersible Standard  
12V DC Plug (included)  
AC Adapter (included)

#### ANTENNA IMPEDANCE OPERATING TEMP RANGE

50Ω  
Operating 14°F to 140°F (-10°C to 60°C)  
Storage -4°F to 158°F (-20°C to 70°C)

#### POWER SOURCE RECEIVER TYPE ADJACENT CHANNEL SELECTIVITY INTERMODULATION REJECTION FREQUENCY RANGE RECEIVER SENSITIVITY AUDIO OUTPUT POWER GPS RECEIVER

7.4v LiON/800mAh  
Dual Conversion Superheterodyne  
65 dB (±25 KHz)  
65 dB  
156-164 MHz  
0.25μv at 12 dB SINAD  
0.6 Watt  
12 Parallel-channel technology, tracks up to 12 satellites to compute and update information with quadrifilar antenna

#### GPS ACQUISITION TIMES (under optimal conditions)

Warm: approx. 15 seconds  
Cold: approx. 1 minute  
Update Rate: 1 second continuous  
Position: 15' (3 meters) RMS (with SA turned off)  
Velocity: 0.1 knot RMS steady state (with SA turned off)

#### GPS ACCURACY GPS RECEIVER GPS LIMITS

Speed: 951 mph  
Altitude: 17,500 meters

#### FREQUENCY RANGE FREQUENCY STABILITY POWER OUTPUT SPURIOUS EMISSIONS CURRENT DRAIN

156-158 MHz  
±1.0 ppm, nominal  
5 Watt / 1 Watt selectable  
5W, -70 dBc  
High - 1.3 Amps  
Low - 600 milliamps  
FM ±5 KHz deviation (FCC designator F3E)

#### MODULATION

MYSTIC



www.uniden.com



**Uniden®**  
A World Without Wires